



BIOSCIENCES INDUSTRY

REAL-TIME INDUSTRY SUMMARY

MARCH 2022

2021 STATEWIDE LABOR ANALYSIS

There were more than 7,500 online job postings for the Biosciences industry from January 2021 to December 2021. The top occupation was *Wholesale and Manufacturing Sales Representatives*, making up 7.2 percent of total industry job postings for the time period.

The employers with the most job postings were Bayer Corporation, Millipore Corporation, Pfizer, Stryker Medical, and Bunge.

TOP ONLINE JOB POSTINGS

SOC Code	Description	Percent of total job postings	Average Annual Wage	
Now - requires short-term on-the-job training, little to no experience, and/or a high school diploma				
43-4051	Customer Service Representatives	1.3%	\$36,580	★
43-5081	Stock Clerks and Order Fillers	1.2%	\$30,120	★
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	1.1%	\$33,360	★
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	0.5%	\$29,600	
51-9198	Helpers--Production Workers	0.5%	\$31,420	
Next - requires a non-degree certificate, associate degree, apprenticeship, some experience, or moderate- to long-term training				
41-4012	Sales Representatives, Wholesale and Manufacturing	7.2%	\$71,670	★
29-2012	Medical and Clinical Laboratory Technicians	2.5%	\$49,890	
49-9071	Maintenance and Repair Workers, General	1.9%	\$41,940	★
51-1011	First-Line Supervisors of Production and Operating Workers	1.3%	\$61,220	
17-3029	Engineering Technicians, Except Drafters, All Other	1.3%	\$63,030	
Later - requires a bachelor's degree or higher				
11-9199	Managers, All Other	4.9%	\$119,710	
15-1199	Computer Occupations, All Other	3.7%	\$85,570	
11-2022	Sales Managers	3.1%	\$145,630	
19-2031	Chemists	2.8%	\$78,020	
15-1132	Software Developers, Applications	2.7%	\$96,530	★

★ Denotes the top 10 occupations by total number of projected openings from 2018-2028 in Now, Next, and Later categories

EDUCATION AND TRAINING OPPORTUNITIES

Across the state there are numerous programs in many locations that train for occupations in the Biosciences industry. To find degree and certificate programs at an educational institution near you, visit **MoSCORES**, a tool designed to assist job seekers, students, career counselors, educators, and planners with a better understanding of training options and typical work outcomes of graduates, for traditional degree programs as well as noncredit credentials. In addition, there are U.S. Department of Labor Registered Apprenticeship programs for Biosciences occupations in Missouri. Visit **Apprenticeship Missouri** for more information.

TOP SKILLS & CERTIFICATIONS

TOP 10 BASIC SKILLS

Communication Skills
Teamwork / Collaboration
Problem Solving
Research
Organizational Skills
Microsoft Excel
Planning
Troubleshooting
Detail-Oriented
Microsoft Office

Several soft skills such as communication, teamwork, and problem solving ranked in the top 10 requested basic skills. Communication skills were found in nearly one-half (47%) of total Biosciences job postings.

TOP 10 SPECIALIZED SKILLS

Sales
Customer Service
Budgeting
Project Management
Current Good Manufacturing Practices (CGMP)
Biotechnology
Chemistry
Scheduling
Good Manufacturing Practices (GMP)
Quality Assurance and Control

Top specialized skills included sales, customer service, and budgeting.

TOP 10 SOFTWARE SKILLS

SAP
Python
Enterprise Resource Planning (ERP)
SQL
Salesforce
Software Development
Java
Software Engineering
SAS
Oracle

Microsoft Office and its products such as Word, Excel, PowerPoint, and Access are the most requested software skills across all industries. Other skills requested in the Biosciences industry include SAP, Python, and Enterprise Resource Planning (ERP).

TOP 10 CERTIFICATES

Driver's License
Project Management Certification
Emergency Medical Technician (EMT)
DEA Certificate
Project Management Professional (PMP)
Licensed Practical Nurse (LPN)
Certified Veterinary Technician
Commercial Driver's License
Certified Public Accountant (CPA)
First Aid CPR AED

The top requested certificate was Driver's License followed by Project Management Certification and Emergency Medical Technician (EMT).

Sources:

Emsi Burning Glass Technologies, 2020 Bureau of Labor Statistics OES wages, 2018-2028 Employment Projections

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